

FERMENTATION TECHNOLOGY TODAY

**Proceedings of the IVth International Fermentation Symposium
Edited by Dr. Gyozo Terui**

This volume contains all the papers presented at the focal topic sessions of the IV International Fermentation Symposium held in Kyoto during March 19–25, 1972. Valuable, up-to-date information in the field of fermentation technology is presented.

Copies of *Fermentation Technology Today* are now available. The volume was published in May 1973.

Contents include:

(1) Fermentation Dynamics; (2) Mass Transfer and Scale-up; (3) Continuous Culture; (4) Instrumentation for Process Control; (5) Genetics Applied to Process Improvement; (6) Amino Acids and Nucleic Acid-Related Products by Fermentation; (7) Microbial Enzymes; (8) Water-Insoluble Enzyme Derivatives; (9) Physiologically Active Substances by Fermentation; (10) Biomass from Noncarbohydrate Organic Substances; (11) Utilization of Autotrophic Microbes; (12) Microbiological Waste Treatment; (13) Recent Progress in Traditional Fermentation Industries; (14) Tissue Culture; (15) Novel Fermentation Products; (16) Production and Use of Enzymes Active in Hydrolyzing Cell Walls and Related Substances; (17) Process Design and Product Recovery; (18) Taxonomy and Ecology of Yeasts; (19) Subcellular Structure and Function of Yeasts; (20) Sexuality, Gene Action, and Breeding of Yeasts; Opening and Closing Lectures.

Index of subjects and authors, 890 pages. Published by the Society of Fermentation Technology, Japan. Distributed by the American Society for Microbiology.

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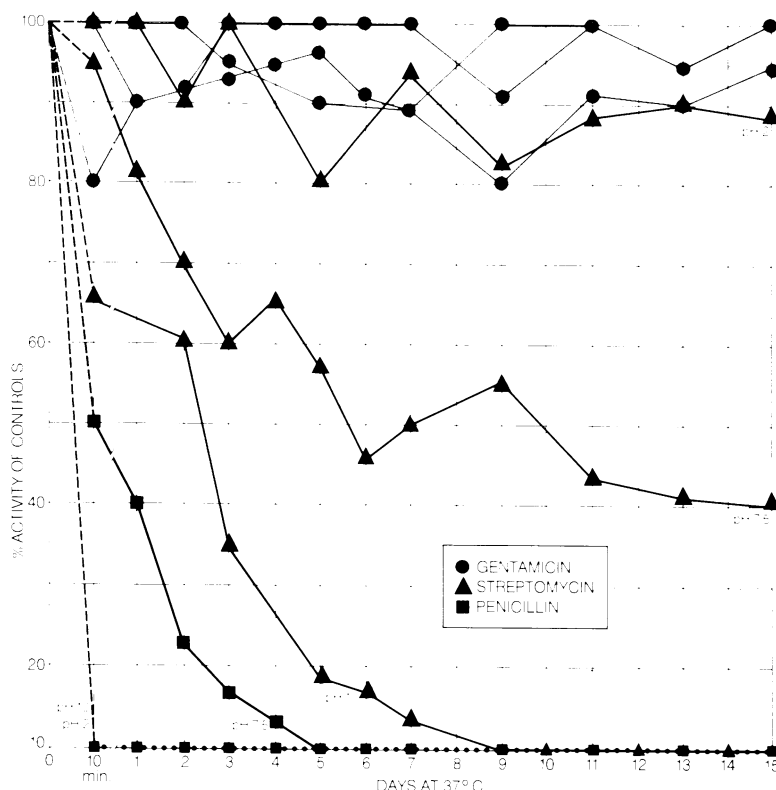
Gentamicin induced no *cytotoxic effects* on a wide variety of cell types including those of human, monkey, mouse, fish, bovine, and hamster origins, at the recommended concentration.³ The reagent *did not interfere with growth of* RNA-containing viruses (rubella, mumps, Newcastle disease virus, rhinovirus, echo-11, etc.) and DNA-containing viruses (herpes simplex, vaccinia).^{1,3} Moreover, Gentamicin was not viricidal against RNA-containing, and DNA-containing viruses at 40X;³ nor was interferon affected at 20X recommended concentration.³

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References: 1. Rudin, A., et al.: Appl. Microbiol. 20:989-990, 1970 2. Casemore, D. P., J. Clin. Pathol. 20:298-299, 1967 3. Schafer, T. W., et al.: Appl. Microbiol. 23:565-570, 1972

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Edited by

HARLYN O. HALVORSON, RICHARD HANSON, AND
L. LEON CAMPBELL

A publication comprising the papers presented at the Fifth International Spore Conference, held at Fontana, Wisconsin, 8-10 October 1971.

This book contains reviews as well as reports of original and basic research in eight related areas of interest regarding spores.

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4. Regulation of macromolecular synthesis during
sporulation and outgrowth.
5. Ecology of spore forms.
6. Immunology of spores and spore forms.
7. Cryptobiosis: Dormancy and its alterations.
8. Biochemical mechanisms of germination.

This book will serve as a valuable resource book for investigators, teachers, students, industry, and libraries.

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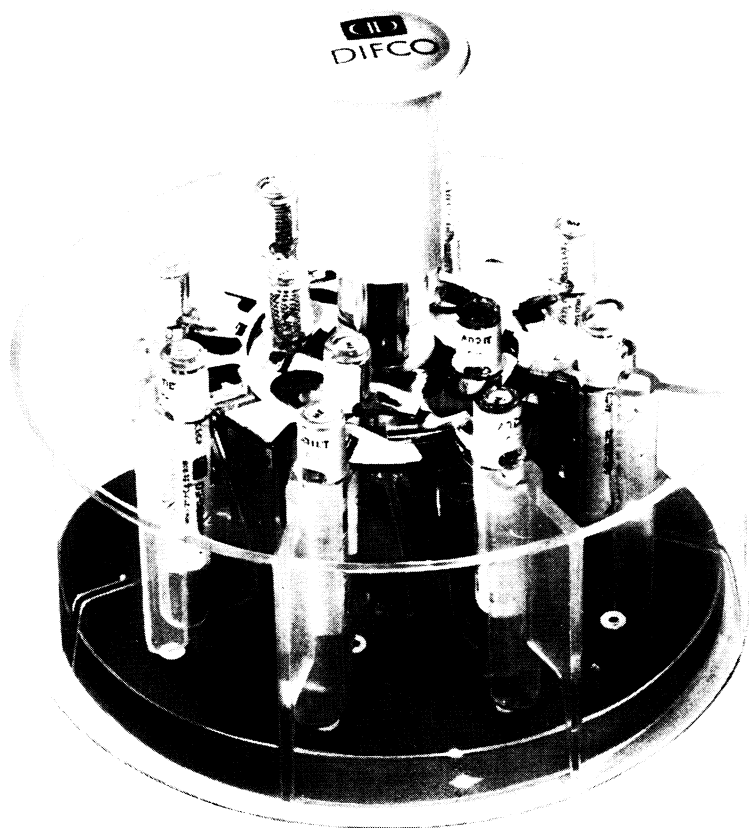
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